AGENDA
FUSION 2017
Friday, April 7, 2017
Carefree Resort & Conference Center
Saguaro Ballroom

7:30 – 9:00 a.m.  Check-In and Breakfast Buffet

9:00 – 9:10 a.m.  Welcome and Opening Remarks
Josh LaBaer

9:10 – 10:30 a.m.  Hot New Science
15 minute presentations with five minutes for questions and answers

Peiming Zhang:  Recognition tunneling nanopores as a universal platform for
detection and sequencing of biomolecules
Biodesign Center for Single Molecule Biophysics

Brenda Hogue:  Viroporins-Targets for Antiviral Therapeutic and Vaccine
Development
Biodesign Center for Immunotherapy, Vaccines and Virotherapy

Chris Diehnelt:  Peptide Microarrays as a Ligand Discovery Platform Technology
Biodesign Center for Innovations in Medicine

Marco Mangone:  Dissecting RNA-based regulatory networks
Virginia G. Piper Biodesign Center for Personalized Diagnostics

10:30 – 10:40 a.m.  Mid-Morning Break

10:40 – Noon  Hot New Science (continued)

Carlo Maley:  Classifying the Evolution and Oncology of Tumors
Virginia G. Piper Biodesign Center for Personalized Diagnostics

Lih-Fen Lue:  The race is on: Developing Alzheimer’s core disease
constituents for blood biomarkers
ASU-Banner Neurodegenerative Disease Research Center

Matthew Scotch:  Surveillance of RNA viruses using discrete
Bayesian phylogeography
Biodesign Center for Environmental Security

Arvind Varsani:  Towards unravelling viral dynamics in Antarctic ecosystems
Biodesign Center for Fundamental and Applied Microbiomics
12:00 – 1:00 p.m.  |  Chuckwagon Picnic Lunch & Entertainment  
|  Stagecoach Pass  
1:00 – 2:30 p.m.  |  Mid-Day Break: Resort Activities & Retreat Clinics  
Resort Activities: Benefit from collaborative group discussions and fun with colleagues to enjoy resort amenities (informal and self-assembled)  
- Billiards & Board Games: Visit the Red Horse Saloon game room  
- Nature Walks: Self-guided walking trails and paths in and around resort  
- Bike Riding: Complimentary bicycle rental from front desk for self-guided bike rides  
- Relax in lounge chairs around the heated pool  
- Resort game — “Pickle”:*  
  Complimentary racquet and ball rental  
- Tennis:*  
- Nature and Wildlife photography: Self-guided walking trails — bring your own camera!  

Retreat Clinics: Meet and greet your colleagues! Drop by the Saguaro Ballroom from 1:30 – 2:30 for open advising in a variety of hot topics. Enter your name in a drawing to win a prize!  
- Biodesign ROAD: Learn about the resources provided by our Research Opportunity Advancement and Development team. See Robyn Merchant  
- Biodesign CORE facilities: Want to learn more about Biodesign’s core facilities? See Mike Gaskin for drop-in advising from 1:30 – 2:30  
- Biodesign Imaging CORE: See Honor Glenn for important new updates!  
- Cryo-EM - Probing biological structures in their native state using cryo-EM: Po-Lin Chiu will share details about the facility which has revolutionized the field of structural biology!  
- Federal Funding Opportunities: Meet with Rachel Levinson from ASU’s DC campus to explore insights from our nation’s capital  
- Human Resources: Visit with Carolyn Lofgren and Yolanda Anderson. Our HR team is your go-to source for faculty recruitment, visas, professional development and so much more  
*To reserve/enjoy these amenities, please contact the hotel concierge, Diane Schure at (480) 488-5300 ext. 3838 or contact the front desk at (480) 488-5300 ext. 3000  

2:30 – 3:00 p.m.  |  Rapid Fire – 2-minute Poster Preview Session  
(Select presenters)  
3:00 – 4:30 p.m.  |  Poster Session and Reception  
Odd numbered posters (3:00 – 3:45 p.m.)  
Even numbered posters (3:45 – 4:30 p.m.)  
4:30 – 5:00 p.m.  |  Award Ceremony and Closing Remarks